



**CITY OF LODI  
COUNCIL COMMUNICATION**

**AGENDA TITLE:** Adopt resolution approving specifications and authorizing advertisement for bids for low-voltage fuses and fuse holders, and authorizing the City Manager to approve the purchase (\$20,000) (EUD)

**MEETING DATE:** March 17, 2004

**PREPARED BY:** Electric Utility Director

**RECOMMENDED ACTION:** That the City Council adopt a resolution approving the specifications and authorizing advertisement for bids for various sizes of low-voltage fuses and fuseholders for the Electric Utility Department, and authorizing the City Manager to approve the purchase.

**BACKGROUND INFORMATION:** The Electric Utility Department recently changed the specifications for streetlighting systems. The new specifications require protection, in the form of fuses, to be installed at each streetlight.

These fuses will increase the reliability of the system, especially on circuits having multiple lights, and will improve staff's ability to troubleshoot problems. The material listed below will be used in the first phase of the retrofitting the existing streetlighting system.

<u>Fuses</u>	<u>Quantity</u>	<u>Fuseholders &amp; Insulating Boots</u>	<u>Quantity</u>
3A 600VAC Fast-Acting	1000	CooperBussman Holder HEB-JJ	1000
5A 600VAC Fast-Acting	200	Insulating Boot 1-line #2A0660	2000
7½-8A 600VAC F-Acting	100	Insulating Boot 2-line #2A0661	1000
10A 600VAC Fast-Acting	50		
15A 600VAC Fast-Acting	50		
20A 600VAC Fast-Acting	50		
30A 600VAC Fast-Acting	50		

**FUNDING:** 161633 - Electric Utility Department 2003-2005 Financial Plan and Budget  
Estimated Cost: \$20,000

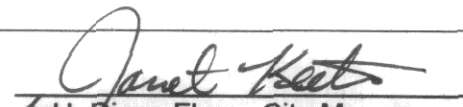
**Funding Approval:**   
for Vicky McAthie, Finance Director

**BID OPENING:** March 31, 2004

  
Alan N Vallow, Electric Utility Director

**PREPARED BY:** Joel Harris, Purchasing Officer

Attachment: Specifications  
cc: Manager, EUD Engineering and Operations

**APPROVED:**   
H. Dixon Flynn, City Manager

Equipment Specifications  
March, 2004

**I. FUSES**

600VAC, Fast-Acting

10.3mm x 38.1mm

Interrupting Rating 100,000A

UL Listed

Bussman Limitron and Littelfuse Part Numbers listed herein have been approved for use in the Lodi Electric System. Other approved equals may be offered by bidder.

<b>Rating (Amps)</b>	<b>Bussman Limitron Part No.</b>	<b>Littelfuse Part No.</b>	<b>Order Qty</b>
3	KTK-3	KLK003	1000
5	KTK-5	KLK005	200
7.5 – 8	KTK-7.5	KLK008	100
10	KTK-10	KLK010	50
15	KTK-15	KLK015	50
20	KTK-20	KLK020	50
30	KTK-30	KLK030	50

**II. FUSEHOLDERS & INSULATING BOOTS**

CooperBussman in the sole approved manufacturer for the following items:

1. Tron® In-Line Non-Breakaway Fuseholder, **#HEB-JJ**  
Load Terminal: #12 to #3 wire size, 1 wire, copper set screw  
Line Terminal: #12 to #3 wire size, 1 wire, copper set screw

Order Quantity: 1000

2. Insulating boot for in-line fuseholder:  
**#2A0660** Single Conductor

Order Quantity: 2000

**#2A0661** Two Conductor

Order Quantity: 1000

RESOLUTION NO. 2004-39

A RESOLUTION OF THE LODI CITY COUNCIL APPROVING SPECIFICATIONS  
AND AUTHORIZING ADVERTISEMENT FOR BIDS FOR LOW-VOLTAGE FUSES  
AND FUSE HOLDERS AND FURTHER AUTHORIZING THE CITY MANAGER TO  
AWARD THE CONTRACT UP TO \$20,000.00

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WHEREAS, the Electric Utility Department recently changed the specifications for street lighting systems; and

WHEREAS, the new specifications require protection in the form of fuses to be installed at each streetlight; and

WHEREAS, these fuses will increase the reliability of the system, especially on circuits having multiple lights, and will improve staff's ability to troubleshoot problems. The material listed below will be used in the first phase of retrofitting the existing streetlighting system:

<u>Fuses</u>	<u>Quantity</u>	<u>Fuseholders &amp; Insulating Boots</u>	<u>Quantity</u>
3A 600VAC Fast-Acting	1000	CooperBussman Holder HEB-JJ	1000
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15A 600VAC Fast-Acting	50		
20A 600VAC Fast-Acting	50		
30A 600VAC Fast-Acting	50		

WHEREAS, staff recommends approval of the specifications and authorizing advertisement for bids for low-voltage fuses and fuse holders, and further recommends that the City Manager be authorized to award the contract up to \$20,000.00 for this project.

NOW, THEREFORE, BE IT RESOLVED that the Lodi City Council does hereby approve the specifications and authorizes advertisement for bids for low-voltage fuses and fuse holders; and

BE IT FURTHER RESOLVED that the City Council hereby authorizes the City Manager to award the contract up to \$20,000.00 for low-voltage fuses and fuse holders.

Dated: March 17, 2004

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I hereby certify that Resolution No. 2004-39 was passed and adopted by the City Council of the City of Lodi in a regular meeting held March 17, 2004, by the following vote:

AYES: COUNCIL MEMBERS – Beckman, Hitchcock, Howard, Land, and Mayor Hansen  
NOES: COUNCIL MEMBERS – None  
ABSENT: COUNCIL MEMBERS – None  
ABSTAIN: COUNCIL MEMBERS – None



SUSAN J. BLACKSTON  
City Clerk